



AF680 – Typhoon 600mm FRAS Air Fan

The Typhoon 600mm pneumatic air fan is a robust air fan for use in underground coal mines, hard rock mines and construction sites. The fan can be used for ventilation purposes to either draw polluted air or gases away from an area or to ventilate with clean air.

The outer housing is constructed from Fire Resistant Anti-static (FRAS) fiberglass. The guards and housing of the Buzzard air motor are of a steel construction. The nine blade impeller is made from Anti Static Glass Reinforced Polyamide (PAGAS) material which is suitable for explosive environments.

The fan can be used as a stand alone unit or with ducting fitted over the outer housing. Two hanging points are provided so that the fan can easily be mounted with chain or straps from a roof.

The air inlet is a standard Type A snap coupling style. The air stream requires light lubrication as detailed on the specifications layout page.

The fan comes standard with a motor silencer box and earth cable

APPLICATION

- Hard rock mines
- Coal mines
- Tunnels and shafts
- Sewers and manholes
- Refineries
- Tanks and ship's holds

FEATURES

- FRAS cowling
- Air motor powered
- 9 blade impeller
- Variable speed
- Variable pitch blades

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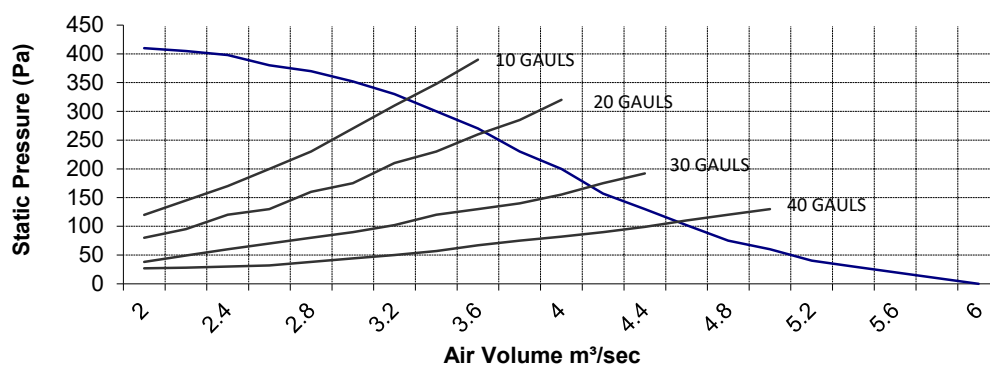
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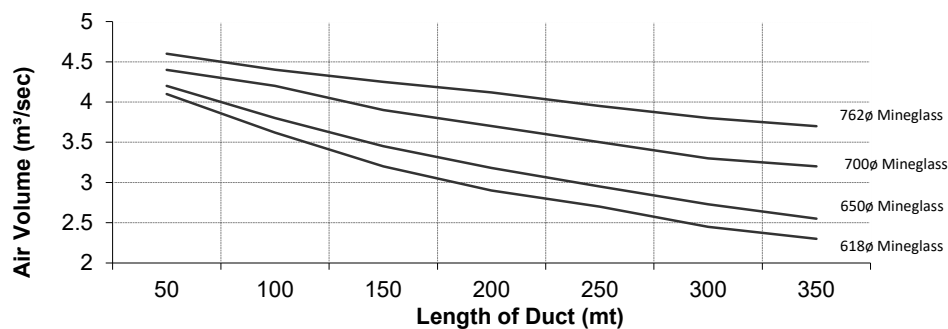
TECHNICAL SPECIFICATIONS

Fan Diameter	600mm
Housing Diameter	618mm
Housing Length	520mm
Weight	35kg
Delivered Air @ 5.2m ³ /sec	600 kPa
Delivered Air @ 5.5m ³ /sec	350 kPa
Air Consumption @ 5.5m ³ /sec	80 L/sec
Sound Power @ 5.5m ³ /sec	93 dB(A)

PERFORMANCE GRAPH



AIR FLOW THROUGH MINEGLASS VENT DUCT



Use of 64 micro filter

Drop rate of 6-7 drops/min continuous operation

Drop rate of 12-15 drops/min intermittent operation

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